

**Product Name:** Dalbavancin

**Product Number:** D014

**CAS Number:** 171500-79-1

**Molecular Formula:**  $C_{88}H_{100}Cl_2N_{10}O_{28}$

**Molecular Weight:** 1816.7

**Appearance:** White solid

**Storage Conditions:** -20°C

**Description:** Dalbavancin is a semi-synthetic glycopeptide prepared from A40926 by introducing a positively charged lipophilic moiety in a previously unexplored region of the natural glycopeptide. This modification provides a longer in vivo half life, and improved in vitro activity against a variety of Gram positive and multi-drug resistant isolates such as MRSA and MRSE.

Dalbavancin is soluble in ethanol, methanol, DMF and DMSO.

**References:** New semisynthetic glycopeptides, MDL63,246 and MDL63,042, and other amide derivatives of Antibiotic A-40,926 active against highly glycopeptide-resistant VanA Enterococci. Malabarba A.J. Antibiot. 1995, 48, 869.

Dalbavancin: a novel antimicrobial. Chen A.Y. et al. Int. J. Clin. Pract. 2007, 61, 853.